INTERNATIONAL SEARCH REPORT

International application No.
PCT/US00/14449

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) :G11B 5/147 US CL :360/126, 121, 122, 125, 119					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 360/126, 121, 122, 125, 119					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevant passages				Refevant to claim No.
X	US 4,839,763 A (MATSUZAWA) 13 June 1989, figure 1				1-20
X	US 4,816,949 A (YAMADA et al) 28 March 1989, figure 3				1-20
x	US 4,811,146 A (NIWA) 07 March 1989, figures 1 and 3-5				1-20
x	US 4,819,113 A (KUBOTA et al) 04 April 1989, figures 1 and 5				1-20
X,E	US 6,072,669 A (INDECK) 06 June 2000, figures 1, and 4-6				1-20
Further documents are listed in the continuation of Box C. See patent family annex.					
 Special categories of cited documents: "To later document published after the international filing date or price 					
"A" do	pussent defining the general state of the art which is not considered be of particular relevance			theory underlying the	ication but cited to understand invention
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"L" doc	wb	when the document is taken alone			
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